

## RECENT LITERATURE

Compiled by M. S. Moulds

This section attempts to fulfil the need for a comprehensive list of current Australian entomological literature. It is arranged so that the listings may be used to compile personal bibliographies concerning specialised interests. It dates back to the beginning of 1972.

If you have published anything concerning Australian insects since the beginning of 1972 and it is not listed in this, or previous issues of *Aust. ent. Mag.*, I would be grateful if you would advise me accordingly so that such literature can be listed in the next issue.

### ABDELRAHMAN, I.

1973. Toxicity of malathion to California Red Scale, *Aonidiella aurantii* (Mask.) (Hemiptera: Diaspididae). *Aust. J. agric. Res.* 24(1): 111-118, 3 tables, 1 fig.
- 1973a. Toxicity of malathion to the natural enemies of California Red Scale, *Aonidiella aurantii* (Mask.) (Hemiptera: Diaspididae). *Aust. J. agric. Res.* 24(1):119-133, 1 table, 14 figs.

### ANONYMOUS

- 1972m. Dung beetles on the move. *Wildlife, Aust.* 9(4): 101-104, illust.

### BEATTIE, Susan

1972. The Suggan Buggan area. *Victorian Ent.* 2(6): 14-20, 1 map. Formicidae: *Iridomyrmex detectus*

### BINNINGTON, K. C. and SCHOTZ, Martina

1973. Automatic collection of tick saliva. *J. Aust. ent. Soc.* 12(1): 78-79, 1 plate.

### BISHOP, A. D.

- 1972a. Butterflies. *Field Studies* (Melbourne Grammar School Field Studies Group) 2(1): 7-8.
- Records from Flinders Is., Victoria, between 21 Jan. & 4 Feb., 1971:
- |                                    |                               |
|------------------------------------|-------------------------------|
| <i>Neolucia mathewi</i>            | <i>Geitoneura klugi</i>       |
| <i>Neolucia serpentata</i>         | <i>Vanessa kershawi</i>       |
| ? <i>Graphium macleayanum</i>      | <i>Vanessa itea</i>           |
| <i>Pieris rapae</i>                | <i>Zizeeria otis labradus</i> |
| <i>Heteronympha merope salazar</i> | ? <i>Nesoxenica leprea</i>    |
- The cover of *Field Studies* 2(1) is dated Jan., 1971. This, however, is obviously an error as indicated by dates given in papers contained within and should read Jan., 1972.
- See also BISHOP, A. D., 1972.

### BISHOP, A. D. and QUICK, W. N. B.

1973. Notes on breeding Victorian butterflies. *Victorian Ent.* 3(2): 7, 9-13.

### BREEDEN, Stanley and BREEDEN, Kay

1972. *Australia's south east. A natural history of Australia*: 2. William Collins (Aust.), Sydney. 4to. Pp. 1-256, illustr.
- Many insect orders mentioned & illustr.
1973. Eden in the outback. *National Geogr.* 143(2): 188-203, illustr.
- Orthoptera: *Valanga* sp. p. 192, illustr.
- Formicidae: *Oecophylla smaragdina* p. 192, illustr.
- Aracnida: Salticidae, p. 192, illustr.

**BRISTOW, W. M.**

1973. The ant-house plants. *Qd nat. Club News* 52: 2-3 [Cyclostylidae: octarvo].  
 Popular note mentioning:-  
 Formicidae: *Iridomyrmex myrmecodiae* var. *stewartii*  
*Oecophylla smaragdina* (briefly mentioned)

**BROOKER, M. G.**

1973. Port Lincoln Parrots feeding on moth larvae. *Emu* 73(1): 27-28.  
 Lepidoptera: *Macrobathra* ?sp.

**BRYAN, R. P.**

1973. The effects of dung beetle activity on the numbers of parasitic gastrointestinal helminth larvae recovered from pasture samples. *Aust. J. agric. Res.* 24(1): 161-168, 2 figs.

**BUCHANAN, G. A.**

1973. See McLAREN, I. W. and BUCHANAN, G. A., 1973.

**BULL, Michael and SMYTH, Michael**

1973. The distribution of three species of reptile ticks, *Aponomma hydrosauri* (Denny), *Amblyomma albolimbatum* Neumann and *Amb. limbatum* Neumann. II. Water balance of nymphs and adults in relation to distribution. *Aust. J. Zool.* 21(1): 103-110, 5 tables, 1 fig.

**BURNS, Alexander Noble**

- 1973b. Nature notes from the Gold Coast. *Victorian Nat.* 90(3): 71-72.

**CATT, M. J.**

1973. Biological control of Skeleton Weed. *J. Agric. S. Aust.* 76(1): 22-25.

**CLARKE, C. A., SHEPPARD, P. M. and SMITH, A. G.**

1973. The genetics of fore and hindwing colour in crosses between *Danaus chrysippus* from Australia and from Sierra Leone (Danaiidae). *J. Lepid. Soc.* 27(1): 73-77, 1 table, 2 pls.

**CLYNE, Densey**

- 1973c. Notes on the web of *Poecilopachys australasia* (Griffith and Pidgeon, 1833) (Araneida: Argiopidae). *Aust. ent. Mag.* 1(3): 23-29, 1 table, 1 fig.

**COMMON, Ian Francis Bell**

1973. A new family of Dacnonypha (Lepidoptera) based on three new species from southern Australia, with notes on the Agrotidae phagidae. *J. Aust. ent. Soc.* 12(1): 11-23, text-figs 1-18, pls I & II.

**CROSBY, David Franklin**

1973. Life history of the butterfly *Toxidia andersoni* (Kirby) (Lepidoptera: Hesperidae). *Victorian Ent.* 3(2): 5-6, 8, illustr.

**CULVENOR, C. C. J. and EDGAR, J.A.**

1972. Dihydropyrrolizine secretions associated with coremata of *Utetheisa* moths (family Arctiidae). *Experientia* 28: 627-630.  
 Lepidoptera: *Utetheisa pulchelloides*  
*Utetheisa lotrix*  
 Danainae

**CUNNINGHAM, I. C.**

1972. A semisynthetic medium for mass rearing the tobacco looper (*Plusia argentifera* Guen.) (Lepidoptera: Noctuidae). *Qd J. agric. anim. Sci.* 29(4): 269-273, 3 tables, 1 fig.

**DEBENHAM, Margaret L.**

1973. Four New Guinea and northern Queensland species of *Atrichopogon* Kieffer (Diptera: Ceratopogonidae) with atypical development of the thoracic setae. *J. Aust. ent. Soc.* 12(1): 68-77, text-figs 1-26, 1 table.

**DUNNET, G. M. and MARDON, D. K.**

1973. *Coorilla longicena*, a new genus and species of bat-flea from New South Wales (Siphonaptera: Ischnopsyllidae). *J. Aust. ent. Soc.* 12(1): 3-10, text-figs 1-10.

**DWORAKOWSKA, I.**

1972. Australian Dikraneurini (Auchenorrhyncha, Cicadellidae, Typhlocybinae). *Bulletin de L'academie Polonaise des Sciences* (ser. Biol.) Cl. 2, Vol. 20, No. 3: 193-201, text-figs 1-88.

**EDGAR, J. A.**

1972. See CULVENOR, C. C. J. and EDGAR, J. A. 1972.

**GRYLLS, N. E.**

1972. Aphid infestation and virus infection of peas and beans on the Central Tablelands of New South Wales. *Aust. J. exp. Agric. Anim. Husb.* 12(59): 668-674.

**HACKMAN, R. H.**

1972. Gel electrophoresis and sephadex thin-layer studies of proteins from an insect cuticle, *Agrianome spinicollis* (Coleoptera). *Insect Biochem.* 2: 235-242.

**HAMILTON, John Thayre**

1973. The Argentine Ant and the eradication campaign in N.S.W. *Circ. ent. Soc. Aust. (N.S.W.)* 233: 9-11. [Cyclostyled, foolscap].

**HOWICK, C. D.**

1972. European house borer *Hylotrupes bajulus* (L.) in Australia. Research requirements and establishment of laboratory cultures. *Z. angew. Ent.* 72(2): 141-148.

**KAY, B. H.**

1973. Seasonal studies of a population of *Culicoides marmoratus* (Skuse) (Diptera: Ceratopogonidae) at Deception Bay, Queensland. *J. Aust. ent. Soc.* 12(1): 42-58, tables 1-8, text-figs 1-3.

**LACEY, C. J.**

1972. Factors influencing occurrence of Cypress Pine regeneration in New South Wales. *Forestry Comm. N.S.W. Tech. Pap.* 21: 1-17, illustr.

Symphyta: *Zenarge turneri rabus*

Coleoptera: *Diadoxus erythrurus*

Aphidoidea: *Cinara tujafilina*

1973. Silvicultural characteristics of White Cypress Pine. *Forestry Comm. N.S.W. Res. Note* 26: 1-51, illustr.

Insects pp. 38-42.

**LANSBURY, I.**

1972. A review of the Oriental species of *Ranatra* Fabricius (Hemiptera-Heteroptera: Nepidae). *Trans. R. ent. Soc. Lond.* 124(3): 287-341, text-figs 1-262.

**LAST, Horace R.**

1972. *Tachyporini ganglbauer* (Coleoptera: Staphylinidae) collected by Dr. R. Hornabrook in New Guinea. *Oriental Ins.* 6(2): 145-168, figs 1-46.

**LEATCH, G.**

1973. Preliminary studies on the transmission of *Anaplasma marginale* by *Boophilus microplus*. *Aust. vet. J.* 49(1): 16-19.

**Le SOUËF, John Cecil**

1972. Excursion to Cape Liptrap 28th to 30th October 1972. *Victorian Ent.* 2(6): 6-7.

Lepidoptera: Hesperioidea & Papilionoidea species.

- 1972a. The 1972 winter collecting trip to north Queensland including notes on some Lepidopterous larvae. *Victorian Ent.* 2(6): 8-13.

Lepidoptera only.

**LYNDON, E.**

1972. Swift Moth from Rocky Knob. *Latrobe Valley Nat.* 99: 6.

**McALPINE, David Kendray**

- 1972a. Insects and continental drift. *Aust. nat. Hist.* 17(8): 274-278, illust.

**McCULLOCH, R. N.**

1972. Ticks on a possum. *Qd nat. Club News* 50: 4.  
*Haemaphysalis bremneri* & *Ixodes holocyclus*

1973. Tick tenacity. *Nature Notes Suppl. Qd. nat. Club News* Feb. 1973: 1-2.

**McLAREN, I. W. and BUCHANAN, G. A.**

1973. Parasitism by *Aphytis chrysomphali* Mercet and *A. melanosoma* Debach of California Red Scale, *Aonidiella aurantii* (Maskell) in relation to seasonal availability of suitable stages of the scale. *Aust. J. Zool.* 21(1): 111-117, 2 figs.

**MALIPATIL, M. B.**

1973. The nymph of *Cryptorhamphus orbus* Stål (Hemiptera: Lygaeidae: Cryptorhamphinae). *J. Aust. ent. Soc.* 12(1): 39-41, text-figs 1 & 2.

**MARDON, D. K.**

1973. See DUNNET, G. M. and MARDON, D. K., 1973.

**MAY, Garth**

1972. Spider notes. *Qd nat. Club News* 50: 1.  
*Phonognatha* sp. & *Cyrtophora carnassia*

**MONTEITH, Geoffrey Blyth**

1972. A list of butterfly records from Iron Range area of Cape York Peninsula. *News Bull. ent. Soc. Qd* 85: 9-14.

**MOORE, Barry Philip**

1972. A revision of the Australian Trechinae (Coleoptera: Carabidae). *Aust. J. Zool. Suppl.* 18: 1-61, text-figs 1-99.

**MORTON, D. E. Anthony**

1972. Butterflies observed at Gloucester Falls 21-23 Jan. 1972. *Victorian Ent.* 2(5): 16.

**MOULDS, Maxwell Sidney**

- 1972a. A list of dragonflies collected at Iron Range, Cape York Peninsula from 10th-13th April, 1971. *Aust. ent. Mag.* 1(2): 3-4.

**NORRIS, K. R.**

1973. Synonymy and status of some Australian Calliphoridae (Diptera). *J. Aust. ent. Soc.* 12(1): 1-2.

**PITKIN, Brian R.**

1972. A revision of the Australian genus *Odontothripiella* Bagnall, with descriptions of fourteen new species (Thysanoptera: Thripidae). *J. Aust. ent. Soc.* 11(4): 265-289, text-figs 1-38.

**QUICK, W. N. B.**

1973. Early stages of the "Mountain Blue", *Neolucia hobartensis hobartensis* (Miskin) 1890 (Lepidoptera-Lycaenidae). *Victorian Ent.* 3(1): 9-10.
- 1973a. Notes on the early stages of the "Rayed Blue", *Candalides heathi heathi* (Cox) 1873 (Lepidoptera — Lycaenidae). *Victorian Ent.* 3(1): 10-12.
- 1973b. An unusual Dart-tail. *Victorian Ent.* 3(2): 17.  
Hymenoptera: *Dinoura* ?sp.
- 1973c. See BISHOP, A. D. and QUICK, W. N. B., 1972.

**READSHAW, J. L.**

1972. Failure of lead arsenate in an ecological approach to the control of mites in orchards. *J. Aust. Inst. agric. Sci.* 38(4): 308-309.

**REEVES, Deniss Michael**

- 1973a. Catch as catch can. *Qd nat. Club News* 52: 3. [Cyclostyled, octarvo].  
Popular note mentioning:  
Odondata: Gomphid  
Aracnida: *Tetragnatha* ?sp.

**RIDSDILL SMITH, T. J.**

1972. See ROBERTS, R. J. and RIDSDILL SMITH, T. J., 1972.

**RIEK, Edgar Frederick**

1972. *Insects of Australia*. 2nd edition. 12mo. Jacaranda Press, Milton, Qld. Pp. i-iv, 1-144, illustr.

**ROBERTS, R. J.**

1972. A newly recognized form of pasture damage by *Phaulacridium vittatum* (Acrididae) on the Northern Tablelands of N.S.W. *J. Aust. ent. Soc.* 11(3): 257-258.

**ROBERTS, R. J. and RIDSDILL SMITH, T. J.**

1972. Plough technique for sampling soil insects. *J. appl. Ecol.* 9: 427-430.

**ROSE, Anthony Barclay**

1972. Additional records of butterflies from Kur-ring-gai Chase National Park, New South Wales. *Aust. ent. Mag.* 1(2): 5-6.

**SANKOWSKY, Garry**

1973. A rare sighting at Bundaburg, Q. *Victorian Ent.* 3(2): 4.  
Lepidoptera: *Hypolimnas alimena lamina*  
*Doleschallia bisaltide australis* (briefly mentioned)

**SCHOTZ, Martina**

1973. See BINNINGTON, K. C. and SCHOTZ, M., 1973.

**SHENEFELT, R. D.**

1973. *Hymenopterorum Catalogus*. Pars 9. Braconidae 5. Microgasterine & Ichneutinae. Pp. 669-812.

**SHEPPARD, P. M.**

1973. See CLARKE, C. A., SHEPPARD, P. M. and SMITH, A. G. 1973.

**SMITH, A. G.**

1973. See CLARKE, C. A., SHEPPARD, P. M. and SMITH, A. G. 1973.

**SMITHERS, Courtenay Neville**

1973. A new species and new records of Sisyridae (Neuroptera) from Australia. *Aust. ent. Mag.* 1(3): 19-22, text-figs 1-4.

**SMYTH, Michael**

1973. The distribution of three species of reptile ticks, *Aponomma hydrosauri* (Denny), *Amblyomma albolimbatum* Neumann and *Amb. limbatum* Neumann. I. Distribution and hosts. *Aust. J. Zool.* 21(1): 91-101, 1 table, 5 figs.

- 1973a. See BULL, M. and SMYTH, M., 1973.

**TAYLOR, Robert William**

1973. Ants of the Australian genus *Mesostruma* Brown (Hymenoptera: Formicidae). *J. Aust. ent. Soc.* 12(1): 24-38, pls I-VI.

**UNWIN, Bryan**

1973. Chemical resistance in populations of *Tetranychus urticae* (Koch) (Acarina: Tetranychidae) from apple orchards in New South Wales, Australia. *J. Aust. ent. Soc.* 12(1): 59-67, 2 tables, 2 text-figs.

**VOCKEROTH, J. R.**

1972. A review of the world genera of Mydaeinae, with a revision of the species of New Guinea and Oceania (Diptera: Muscidae). *Pacific Ins. Monogr.* 29: 1-134, text-figs 1-151, frontispiece.

**WALTERS, Peter J.**

1973. Integrated pest control in apple orchards. *Agric. Gaz. N.S.W.* 84(1): 16-17.

**WHITE, T. C. R.**

1973. Aerial dispersal of adult *Cardiaspina densitexta* (Homoptera: Psyllidae) in South Australia. *Trans. R. Soc. S. Aust.* 97(1): 29-31.

**YOUNG, David**

1972. Analysis of songs of some Australian cicadas (Homoptera: Cicadidae). *J. Aust. ent. Soc.* 11(3): 237-243, pls I-III.

- 1972a. Neuromuscular mechanism of sound production in Australian cicadas. *J. comp. Physiol.* 79: 343-362, text-figs 1-12, 1 table.